



#14  
9/12/03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(MBHB Case No. 99,818)

In re Application of: )  
Mark O. Vogel ) Group Art Unit: 2614  
Serial No.: 09/538,342 ) Examiner: Beliveau, Scott E.  
Filed: March 29, 2000 )  
For: METHOD FOR IMPROVED CABLE )  
MODEM RANGING IN A DATA-OVER- )  
CABLE SYSTEM )

**RESPONSE TO EX PARTE QUAYLE ACTION DATED MARCH 12, 2003**

Assistant Commissioner for Patents  
Washington, D.C. 20231

The Applicants respectfully request consideration of the following Amendments and Remarks in response to the Ex Parte Quayle Office Action mailed March 12, 2003.

**AMENDMENTS**

**In the Drawings:**

Amend Figure 10 by removing the reference numeral '218'.

**In the Specification:**

Amend page 9 second full paragraph starting at line 6 as follows:

In a typical two-way cable system, also termed a bi-directional cable system, a cable modem 28 will transmit data packets to the CMTS 30 over one or more upstream channels on the cable television network 22 and 26. In the upstream direction, data from the CPE 14 is transmitted from the cable modem 28 over the cable network 26 and 22 and received at a receiver module 42. The receiver module 42 couples the upstream signal to a splitter and filter bank 44